

Secondary Programs

Title: Industry Certification

References:

IDAPA 55.01.01 SDPTE Rules Governing Administration
IDAPA 55.01.03., Section 102.02.a. SDPTE Rules of Professional-Technical Schools
IDAPA 55.01.03., Section 102.02.c. SDPTE Rules of Professional-Technical Schools

In order to fulfill the requirements of IDAPA 55.01.01 and 55.01.03, Engineering and Industrial Systems (E & IS) secondary and post-secondary professional-technical education programs should culminate in an appropriate, related, industry certification. Achievement of an appropriate industry certification by graduates of an E & IS educational program ensures program alignment with industry standards and that these programs are teaching required industry competencies. Not all students will acquire the skill and knowledge level necessary to achieve full industry certification, but that should be the goal of a well designed E & IS educational program.

The industry certification process varies with each certifying agency. Most include written tests; some include practical demonstrations. In every case, the certification process is tied to tasks and skills considered essential for success in the related industry.

E & IS educational program minimum industry certifications are:

<u>Program</u>	<u>Industry Certification</u>
Air Conditioning	RSES
Automated Manufacturing	none
Automotive Technology	NATEF
Broadcasting	none
Cabinetmaking	none
Collision Repair	NATEF (secondary), ICAR (post-secondary)
Diesel	NATEF
Drafting	none
Electronics	CEMA, or CET
Environmental Science	none
Industrial Mechanics	none
Information Systems	A+, Networking +
Journalism	none
Law enforcement	none
Photography	none
Precision Machining	none
Printing	PrintEd
Residential Construction	NCCER
Small Engine	none
Welding	AWS

E & IS educational program industry certification requirements will be communicated to new E & IS programs as part of new program criteria. Industry certification will be reviewed during all E & IS educational program reviews conducted by the Division.

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